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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

|                        |   |
|------------------------|---|
| Attorney Docket No.    | 03493.00175   |
| First Inventor         | Mikhail Boroditsky et al  |
| Title                  | METHOD FOR COMPOSITE PACKET-SWITCHING OVER WDM BY TRANSPARENT PHOTONIC SLOT ROUTING |
| Express Mail Label No. |   |

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
*(Submit an original and a duplicate for fee processing)*
2.  Applicant claims small entity status.  
See 37 CFR 1.27.
3.  Specification [Total Pages ]  
*(preferred arrangement set forth below)*  
 - Descriptive title of the Invention  
 - Cross References to Related Applications  
 - Statement Regarding Fed sponsored R & D  
 - Reference to sequence listing, a table, or a computer program listing appendix  
 - Background of the Invention  
 - Brief Summary of the Invention  
 - Brief Description of the Drawings (*if filed*)  
 - Detailed Description  
 - Claim(s)  
 - Abstract of the Disclosure
4.  Drawing(s) (35 U.S.C.113) [Total Sheets ]  
5. Oath or Declaration [Total Pages ]
- a.  Newly executed (original or copy)  
 b.  Copy from a prior application (37 CFR 1.63 (d))  
*(for a continuation/divisional with Box 18 completed)*
- i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6.  Application Data Sheet. See 37 CFR 1.76

**ADDRESS TO:**Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (*Appendix*)  
 8. Nucleotide and/or Amino Acid Sequence Submission  
*(if applicable, all necessary)*  
 a.  Computer Readable Form (CRF)  
 b. Specification Sequence Listing on:  
 i.  CD-ROM or CD-R (2 copies); or  
 ii.  paper  
 c.  Statements verifying identity of above copies

**ACCOMPANYING APPLICATIONS PARTS**

9.  Assignment Papers (cover sheet & document(s))  
 10.  37 C.F.R. §3.73(b) Statement  Power of Attorney  
 11.  English Translation Document (*if applicable*)  
 12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations  
 13.  Preliminary Amendment  
 14.  Return Receipt Postcard (MPEP 503)  
*(Should be specifically itemized)*  
 15.  Certified Copy of Priority Document(s)  
*(if foreign priority is claimed)*  
 16.  Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.  
 17.  Other: \_\_\_\_\_

**18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:**

Continuation     Divisional     Continuation-in-part (CIP)  
of prior application No: \_\_\_\_\_ / \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_ Group / Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**17. CORRESPONDENCE ADDRESS**

22907

or  Correspondence address below

(Insert Customer No. or Attach bar code label here)

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| Country |  |  | Telephone |  |  |

|                   |                       |                                   |        |
|-------------------|-----------------------|-----------------------------------|--------|
| Name (Print/Type) | Catherine A. Ferguson | Registration No. (Attorney/Agent) | 40,877 |
| Signature         | Catherine A. Ferguson |                                   | Date   |

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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 864)

| Complete if Known    |                           |
|----------------------|---------------------------|
| Application Number   | TBA                       |
| Filing Date          | October 11, 2001          |
| First Named Inventor | Mikhail Boroditsky et al. |
| Examiner Name        | TBA                       |
| Group / Art Unit     | TBA                       |
| Attorney Docket No.  | 003493.00175              |

## METHOD OF PAYMENT (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

|   |                       |
|---|-----------------------|
| Deposit Account Number  | 19-0733               |
| Deposit Account Name  | Banner & Witcoff, LTD |
| <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 |                       |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27                    |                       |

2.  Payment Enclosed:
 Check     Credit card     Money Order     Other

## FEE CALCULATION

## 1. BASIC FILING FEE

| Large Entity Fee Code | Fee (\$) | Small Entity Fee Code | Fee (\$) | Fee Description        | Fee Paid |
|-----------------------|----------|-----------------------|----------|------------------------|----------|
| 101                   | 740      | 201                   | 370      | Utility filing fee     | 740      |
| 106                   | 330      | 206                   | 165      | Design filing fee      |          |
| 107                   | 510      | 207                   | 255      | Plant filing fee       |          |
| 108                   | 740      | 208                   | 370      | Reissue filing fee     |          |
| 114                   | 160      | 214                   | 80       | Provisional filing fee |          |

SUBTOTAL (1) (\$ 740)

## 2. EXTRA CLAIM FEES

| Total Claims       | 16 | -20 ** | = 0 | X 18 | = 0  |
|--------------------|----|--------|-----|------|------|
| Independent Claims | 4  | -3 **  | = 1 | X 84 | = 84 |
| Multiple Dependent |    |        |     | X 0  | = 0  |

| Large Entity Fee Code | Fee (\$) | Small Entity Fee Code | Fee (\$) | Fee Description  | Fee Paid |
|-----------------------|----------|-----------------------|----------|--|----------|
| 103                   | 18       | 203                   | 9        | Claims in excess of 20                                     |          |
| 102                   | 84       | 202                   | 42       | Independent claims in excess of 3                          |          |
| 104                   | 280      | 204                   | 140      | Multiple dependent claim, if not paid                      |          |
| 109                   | 84       | 209                   | 42       | ** Reissue independent claims over original patent         |          |
| 110                   | 18       | 210                   | 9        | ** Reissue claims in excess of 20 and over original patent |          |

SUBTOTAL (2) (\$ 84)

## FEE CALCULATION (continued)

| 3. ADDITIONAL FEES                |        | Large Entity Fee Code | Fee (\$) | Small Entity Fee Code  | Fee (\$) | Fee Description | Fee Paid |
|-----------------------------------|--------|-----------------------|----------|--|----------|-----------------|----------|
| 105                               | 130    | 205                   | 65       | Surcharge - late filing fee or oath  |          |                 |          |
| 127                               | 50     | 227                   | 25       | Surcharge - late provisional filing fee or cover sheet.                    |          |                 |          |
| 139                               | 130    | 139                   | 130      | Non-English specification  |          |                 |          |
| 147                               | 2,520  | 147                   | 2,520    | For filing a request for reexamination                                     |          |                 |          |
| 112                               | 920*   | 112                   | 920*     | Requesting publication of SIR prior to Examiner action                     |          |                 |          |
| 113                               | 1,840* | 113                   | 1,840*   | Requesting publication of SIR after Examiner action                        |          |                 |          |
| 115                               | 110    | 215                   | 55       | Extension for reply within first month                                     |          |                 |          |
| 116                               | 400    | 216                   | 200      | Extension for reply within second month                                    |          |                 |          |
| 117                               | 920    | 217                   | 460      | Extension for reply within third month                                     |          |                 |          |
| 118                               | 1,440  | 218                   | 720      | Extension for reply within fourth month                                    |          |                 |          |
| 128                               | 1,960  | 228                   | 980      | Extension for reply within fifth month                                     |          |                 |          |
| 119                               | 320    | 219                   | 160      | Notice of Appeal   |          |                 |          |
| 120                               | 320    | 220                   | 160      | Filing a brief in support of an appeal                                     |          |                 |          |
| 121                               | 280    | 221                   | 140      | Request for oral hearing   |          |                 |          |
| 138                               | 1,510  | 138                   | 1,510    | Petition to institute a public use proceeding                              |          |                 |          |
| 140                               | 110    | 240                   | 55       | Petition to revive – unavoidable   |          |                 |          |
| 141                               | 1,280  | 241                   | 640      | Petition to revive – unintentional   |          |                 |          |
| 142                               | 1,280  | 242                   | 640      | Utility issue fee (or reissue)   |          |                 |          |
| 143                               | 460    | 243                   | 230      | Design issue fee   |          |                 |          |
| 144                               | 620    | 244                   | 310      | Plant issue fee  |          |                 |          |
| 122                               | 130    | 122                   | 130      | Petitions to the Commissioner  |          |                 |          |
| 123                               | 50     | 123                   | 50       | Processing fee under 37 CFR 1.17 (q)                                       |          |                 |          |
| 126                               | 180    | 126                   | 180      | Submission of Information Disclosure Stmt                                  |          |                 |          |
| 581                               | 40     | 581                   | 40       | Recording each patent assignment per property (times number of properties) |          |                 | 40       |
| 146                               | 740    | 246                   | 370      | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |                 |          |
| 149                               | 740    | 249                   | 370      | For each additional invention to be examined (37 CFR § 1.129(b))           |          |                 |          |
| 179                               | 740    | 279                   | 370      | Request for Continued Examination (RCE)                                    |          |                 |          |
| 169                               | 900    | 169                   | 900      | Request for expedited examination of a design application                  |          |                 |          |
| Other fee (specify) _____         |        |                       |          |  |          |                 |          |
| *Reduced by Basic Filing Fee Paid |        |                       |          |  |          | SUBTOTAL (3)    | (\$ 40)  |

\*or number previously paid, if greater; For Reissues, see above

| SUBMITTED BY      |                       | Complete (if applicable)         |        |           |                  |
|-------------------|-----------------------|----------------------------------|--------|-----------|------------------|
| Name (Print/Type) | Catherine A. Ferguson | Registration No. Attorney/Agent) | 40,877 | Telephone | (202) 508-9100   |
| Signature         | Catherine A. Ferguson |                                  |        | Date      | October 11, 2001 |

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